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NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTRULE has been reloaded
NEWS 12 Jul 02 FORBGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
NEWS 14 Jul 29 saved answer sets no longer valid
NEWS 15 Jul 30 Enhanced polymer searching in REGISTRY
NEWS 16 Aug 08 NETFIRST to be removed from STN
NEWS 17 Aug 08 CANCERLIT reload
NEWS 18 Aug 08 PHARMAMARKETRECTOR(PHARMAML) - new on STN
NEWS 19 Aug 19 NTIS has been reloaded and enhanced
NEWS 20 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
NEWS 21 Aug 19 now available on STN
NEWS 22 Aug 19 IFIPAT, IFICDB, and IFIUB have been reloaded
NEWS 23 Aug 26 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 24 Sep 03 Sequence searching in REGISTRY enhanced
NEWS 25 Sep 03 JAP10 has been reloaded and enhanced
NEWS 26 Sep 16 Experimental properties added to the REGISTRY file
NEWS 27 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 28 Oct 01 CA Section Thesaurus available in CAPLUS and CA
NEWS 29 CASREACT Enriched with Reactions from 1907 to 1985
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.04
CURRENT MACINTOSH VERSION IS V6.0a (ENG) AND V6.0a(JP),
AND CURRENT DISCOVER FILE IS DATED 03 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 10:49:51 ON 03 OCT 2002
=> file medline, cancerlit, biosis, confsci, caplus
COST IN U.S. DOLLARS SINCE FILE
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FILE 'MEDLINE' ENTERED AT 10:50:21 ON 03 OCT 2002
FILE 'CANCERLIT' ENTERED AT 10:50:21 ON 03 OCT 2002
FILE 'BIOSIS' ENTERED AT 10:50:21 ON 03 OCT 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)
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=> s angioogenesis?
L1 56416 ANGIOGENESIS?
=> s 11 and syndecan?
L2 0 11 AND SYNDECAN?
=> s 11 and syndecan?
L3 51 11 AND SYNDECAN?
=> dup rem 13
PROCESSING COMPLETED FOR L3
L4 31 DUP REM L3 (20 DUPLICATES REMOVED)
=> d 1-31
L4 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2002 ACS
AN 2002:51303 CAPLUS
DN 136:96038
TI Methods of modulating wound healing and angioogenesis
IN Goelink, Paul F.
PA The General Hospital Corporation, USA
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN: CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 200204028 A1 20020117 WO 2001-USA1288 20010706
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
UZ, VN, YU, ZA, ZW, AM, AZ, BY, BG, KZ, MD, ND, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
US 2002048585 A1 20020425 US 2001-900288 20010706

PRAI US 2000-216247P P 20000706
RE. CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 31 MEDLINE DUPLICATE 1
AN 2002223728 Pubmed ID: 11923257
DN 21920769 Role of syndecan-1 in leukocyte-endothelial interactions in the ocular vasculature.
AU Gorte Martin; Jousseaume Antonia M; Klein Christoph; Andre Patrick; Wagner Dennis D; Hinkes Michael T; Kirchhof Bernd; Adams Anthony P; Bernfield Merton
CS Division of Newborn Medicine, Children's Hospital, Boston, Massachusetts 02115, USA.
NC R01-CA-28715 (NCI)
R01-EY-12611-01 (NEI)
R01-HL-53756 (NHLBI)
SO INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE, (2002 Apr) 43 (4) 1135-41.
CY Journal code: 7703701. ISSN: 0146-0404.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200204
ED Entered STN: 20020419
Last Updated on STN: 20020430
Entered Medline: 20020429

L4 ANSWER 3 OF 31 MEDLINE DUPLICATE 2
AN 2002211822 MEDLINE
DN 21942497 Pubmed ID: 11945170
TI Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action.
AU Genaro Renato; Zanetti Margherita; Benincasa Monica; Poda Elena; Miani Monica
CS Department of Biochemistry, Biophysics and Macromolecular Chemistry, University of Trieste, Via Giorgieri, 1, I-34127 Trieste, Italy.
SO CURRENT PHARMACEUTICAL DESIGN, (2002) 8 (9) 763-78. Ref: 109
CY Journal code: 9602487. ISSN: 1381-6128.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200208
ED Entered STN: 20020412
Last Updated on STN: 20020831
Entered Medline: 20020830

L4 ANSWER 4 OF 31 MEDLINE DUPLICATE 3
AN 2002460455 IN-PROCESS
DN 22126577 Pubmed ID: 12128069
TI A recombinant NH(2)-terminal heparin-binding domain of the adhesive glycoprotein, chondrospodin-1, promotes endothelial tube formation and cell survival: a possible role for syndecan-4 proteoglycan.
AU Ferraz do Oliveira-Bernstein Mariana A; Nunes Sara Santana; Andrade Ana Carolina Magalhães; Alves Tercia Rodrigues; Legend Chantal; Morandi Veronica
CS Departamento de Biologia Celular e Genética, Instituto de Biologia Roberto Alcântara Gomes, Universidade do Estado do Rio de Janeiro (UERJ), Rua São Francisco Xavier, 524 PHLC sala 205, Maracanã, Rio de Janeiro, RJ, Brazil.
SO MATRIX BIOLOGY, (2002 Jun) 21 (4) 311-24.
Journal code: 9432592. ISSN: 0945-053X.

CY Germany; Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20020911
Last Updated on STN: 20020911

L4 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2002 ACS
AN 2002:517556 CAPLUS
TI Cell adhesive and heparin binding sites on the laminin alpha chain G domain
AU Suzuki, Nobuharu; Kasai, Shingo; Ichikawa, Naoki; Okazaki, Ikuko; Kato, Koze; Yamada, Masanori; Nishi, Norio; Yamashita, Hiromobu; Kitagawa, Yasuo; Nomizu, Motoyoshi
CS Graduate School of Environmental Earth Science, Hokkaido University, Sapporo, 060-0810, Japan
SO Peptide Science (2002), Volume Date 2001, 38th, 127-130
CODEN: PSICFQ; ISSN: 1344-7661
PB Japanese Peptide Society
DT Journal
LA English
RE. CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2002 ACS
AN 2002:362613 CAPLUS
DN 136:322854
TI The role of heparan sulfate in the regulation of tumor angiogenesis induced by angiomodulin
AU Yamada, Shuhei
CS Dep. Biochem, Kobe Pharm. Univ., Kobe, 658-8558, Japan
SO Yakugaku Kenkyu no Shippo (2002), 18, 113-126
CODEN: YAKSEY; ISSN: 0914-4544
PB Yakugaku Kenkyu Shorei Zaiden
DT Journal; General Review
LA Japanese

L4 ANSWER 7 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002:428611 BIOSIS
DN PREV200200428611
TI Modulation of microvascular signaling by heparan sulfate matrix: Studies in syndecan-4 transgenic mice.
AU Li, Jian; Parovian, Chohren; Li, Jinyi; Hampton, Thomas G.; Metais, Caroline; Tkachenko, Eugene; Seljke, Frank W.; Simons, Michael (1)
CS (1) Angiogenesis Research Center and Section of Cardiology, Dartmouth Medical School and Dartmouth Hitchcock Medical Center, Lebanon, NH, 03756; Michael.Simons@dartmouth.edu USA
SO Microvascular Research, (July, 2002) Vol. 64, No. 1, pp. 38-46.
http://www.academolpress.com/micpath. print.
ISSN: 0026-2862.

DT Article
LA English

L4 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2002 ACS
AN 2001:416975 CAPLUS
DN 135:37179
TI Proteoglycans and pharmaceutical compositions comprising them
AU Yeda, Avner
PA Yeda Research and Development Co. Ltd., Israel
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN. CNT 1

DN	135:342159	Heparan sulfate proteoglycans: heavy hitters in the angiogenesis arena
TI		
CU	Iorizzo, Renato V.; San Antonio, James D.	
AS	Department of Pathology, Anatomy and Cell Biology, Cellular Biology and Signaling Program, Kimmel Cancer Center, and Cardaza Foundation, Thomas Jefferson University, Philadelphia, PA, 19107, USA	
TI	Journal of Clinical Investigation (2001), 108(3), 349-355	
SO	CODEN: JCIIMAO; ISSN: 0021-9738	
PB	American Society for Clinical Investigation	
DT	Journal: General Review	
LA	English	
RE.CMT	45	THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT
LA	ANSWER 12 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.	
AN	2001:419206 BIOSIS	
DN	PREV200100419206	
TI	Molecular properties and involvement of heparanase in cancer metastasis and angiogenesis .	
CU	Vlodavsky, Israel (1); Friedmann, Yael	
AS	(1) Department of Oncology, Hadassah Hospital, Jerusalem, 91120: vlodavsk@cc.huji.ac.il Israel	
SO	Journal of Clinical Investigation, (August, 2001) Vol. 108, No. 3, pp. 341-347, print.	
DT	ISSN: 0021-9738.	
LA	General Review	
SL	English	
LA	ANSWER 13 OF 31 CAPLUS COPYRIGHT 2002 ACS	
AN	2001:526629 CAPLUS	
DN	135:329724	
TI	Heparan sulfate proteoglycans: intricate molecules with intriguing functions	
CU	Iorizzo, Renato V.	
CS	Department of Pathology, Anatomy and Cell Biology, Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, PA, 19107, USA	
SO	Journal of Clinical Investigation (2001), 108(2), 165-167	
PB	CODEN: JCIIMAO; ISSN: 0021-9738	
PB	American Society for Clinical Investigation	
DT	Journal: General Review	
LA	English	
RE.CMT	15	THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT
LA	ANSWER 14 OF 31 MEDLINE	
AN	2001:40784 MEDLINE	
DN	21102376 PubMed ID: 11160142	
TI	Delayed wound repair and impaired angiogenesis in mice lacking syndecan-4 .	
CU	Echtemeyer, F; Streile, M; Wilcox-Adelman S; Saoncella S; Denhez F; Detmar M; Goettlich P	
CS	Cutaneous Biology Research Center, Massachusetts General Hospital, Harvard Medical School, Charlestown, MA 02129, USA.	
NC	CA69184 (NCI)	
NC	HD-37490 (NICHD)	
SO	T13 AR07098 (NIMMS)	
SO	JOURNAL OF CLINICAL INVESTIGATION, (2001 Jan) 107 (2) R9-R14.	
CY	Journal code: 7802877, ISSN: 0021-9738.	
DT	United States	
LA	Journal: Article; (JOURNAL ARTICLE)	
LA	English	
TS	Abridged Index Medicus Journals; Priority Journals	

EM 200103
 ED Entered STN: 20010404
 Last Updated on STN: 20010404
 Entered Medicine: 20010308

L4 ANSWER 15 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2002:263200 BIOSIS
 DN PREV200200263200
 TI PKCdelta regulates EGF-2-stimulated angiogenesis in a
 syndecan-4 dependent manner: Cross-talk between PKC isozymes.
 AU Murakami, Masahiro (1); Horowitz, Arle; Simons, Michael
 CS (1) Dartmouth-Hitchcock Med Ctr, Lebanon, NH USA
 SO Circulation. (October 23, 2001) Vol. 104, No. 17 Supplement, pp. II.34.
 http://circ.ahajournals.org/. print
 Meeting Info.: Scientific Sessions 2001 of the American Heart Association
 Anaheim, California, USA November 11-14, 2001
 ISSN: 0009-7322.

DT Patent
 LA English

L4 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:335257 CAPLUS
 DN 133:823
 TI Stimulation of angiogenesis via syndecan-4 cytoplasmic
 IN domain signaling pathway
 AU Simons, Michael; Horowitz, Arle
 PA Beth Israel Deaconess Medical Center, USA
 SO PCT Int. Appl., 73 pp.
 CODEN: PIXD2

DT Patent
 LA English

FAV CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000027416	A1	20000518	WO 1999-US26647	19991110
W: AU, CA, JP				
W: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
PT, SE				
EP 1131081	A1	20010912	EP 1999-962741	19991110
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, FI				
PRAI US 1998-190976	A	19981112		
WO 1999-US26647	W	19991110		
RE.CNT 6				

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:175824 CAPLUS
 DN 132:217982
 TI Stimulation of angiogenesis via enhanced endothelial expression
 of chimeric heparan sulfate-binding proteins
 AU Simons, Michael; Volk, Rudiger; Horowitz, Arle
 PA Beth Israel Deaconess Medical Center, USA
 SO PCT Int. Appl., 72 pp.
 CODEN: PIXD2

DT Patent
 LA English

FAV CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 200004103	A1	20000316	WO 1999-US18865	19990818
W: AU, CA, JP				
W: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
PT, SE				

AU 9956794 A1 20000327 AU 1999-56794 19990818
 EP 1112283 A1 20010704 EP 1999-943760 19990818
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 PRAI US 1998-145916 A 19980902
 WO 1999-US18865 W 19990818
 RE.CNT 3
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:121629 CAPLUS
 DN 132:161252
 TI N-acetylgalactosamine-2-O-sulfated uronic acid compounds for
 angiogenesis inhibitors, and therapeutic use thereof
 AU Bernfield, Merton; Kim, Yeong Shik; Linhardt, Robert J.
 PA Children's Medical Center Corp, USA; The University of Iowa Research
 Foundation
 SO U.S., 11 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAV CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6028061	A	20000222	US 1998-99296	19980618
RE.CNT 4				

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2000:304026 BIOSIS
 DN PREV200000304026
 TI Syndecan signaling in angiogenesis.
 AU Simons, Michael (1)
 CS (1) Angiogenesis Research Center, BIDMC, Harvard Medical School, Boston,
 MA USA
 SO FASEB Journal, (March 15, 2000) Vol. 14, No. 4, pp. A799. print.
 Meeting Info.: Annual Meeting of Professional Research Scientists:
 Experimental Biology 2000 San Diego, California, USA April 15-18, 2000
 Federation of American Societies for Experimental Biology
 . ISSN: 0892-6638.

DT Conference
 LA English

SL English

L4 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:105942 CAPLUS
 DN 134:220215
 TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin
 binding to endothelial cells
 AU Luo, Jianying; Kato, Masato; Wang, Huiming; Bernfield, Merton; Bischoff,
 Joyce
 CS Surgical Research Laboratory, Children's Hospital, Boston, MA, 02115, USA
 SO Journal of Cellular Biochemistry (2000), 80(4), 522-531
 CODEN: JCEBDS. ISSN: 0730-2312

DT Journal
 LA English

RE.CNT 44

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:114335 CAPLUS
 DN 132:332744
 A genome-wide survey of RAS transformation targets

AU Zuber, Johannes; Tchernitsa, Oleg I.; Hinzmann, Bernd; Schmitz, Anne-Chantal; Grips, Martin; Heilfriegel, Martin; Sers, Christine; Rosenthal, Andre; Schaefer, Reinhold
 CS Laboratory of Molecular Tumour Pathology, Institute of Pathology, Charité, Humboldt-University, Berlin D-10117, Germany
 SO Nature Genetics (2000) 24(2), 144-152
 CODEN: NGENEC; ISSN: 1061-4036
 PB Nature America
 DT Journal
 LA English
 RE CNT 31
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 L4 ANSWER 22 OF 31 MEDLINE
 DN 199377046 MEDLINE
 TI Inducible expression of the cell surface heparan sulfate proteoglycan syndecan-2 (fibroglycan) on human activated macrophages can regulate fibroblast growth factor action.
 AU Clasper S; Vekemans S; Fiore M; Plebanski M; Wordsworth P; David G; Jackson D G
 CS University of Oxford, Molecular Immunology Group, Institute of Molecular Medicine, John Radcliffe Hospital, Headington, Oxford OX3 9DU United Kingdom.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Aug 20) 274 (34) 24113-23.
 DN Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199909
 ED Entered STN: 19990921
 Last Updated on STN: 20000303
 Entered Medline: 19990909
 L4 ANSWER 23 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 DN 2000:83494 BIOSIS
 TI Testican antigen in human blood.
 AU Basalamah, Mohammed A. (1); Marr, Henry S. (1); Duncan, Andrew W. (1); Edgell, Cora-Jean S. (1)
 CS (1) Pathology, Univ North Carolina at Chapel Hill, 520 BBH, CB No. 7525, Chapel Hill, NC, 27599 USA
 SO Molecular Biology of the Cell, (Nov., 1999) Vol. 10, No. SUPPL., pp. 459a. Meeting Info.: 39th Annual Meeting of the American Society for Cell Biology, Washington, D.C., USA December 11-15, 1999 The American Society for Cell Biology
 . ISSN: 1059-1524.
 DT Conference
 LA English
 L4 ANSWER 24 OF 31 MEDLINE
 DN 1999407582 MEDLINE
 TI Syndecan-1 expression is induced in the stroma of infiltrating breast carcinoma.
 AU Stanley M J; Stanley M W; Sanderson R D; Zera R
 CS Department of Surgery, Hennepin County Medical Center, Minneapolis, MN 55415, USA.
 NC CA68494 (NC1)
 SO AMERICAN JOURNAL OF CLINICAL PATHOLOGY, (1999 Sep) 112 (3) 377-83. Journal code: 0370470. ISSN: 0002-9173.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)

LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 199909
 ED Entered STN: 19991005
 Last Updated on STN: 19991005
 Entered Medline: 19990923
 L4 ANSWER 25 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 DN 1999:133089 BIOSIS
 TI Syndecan-1 expression is induced in the stroma of infiltrating breast carcinoma.
 AU Stanley, Michelle J. (1); Stanley, Michael W.; Sanderson, Ralph D.; Zera, Richard (1)
 CS (1) Dep. Surgery, Hennepin County Med. Cent., Minneapolis, MN USA
 SO Modern Pathology, (Jan., 1999) Vol. 12, No. 1, pp. 31A. Meeting Info.: Annual Meeting of the United States and Canadian Academy of Pathology San Francisco, California, USA March 20-26, 1999
 ISSN: 0893-3952.
 DT Conference
 LA English
 L4 ANSWER 26 OF 31 MEDLINE
 DN 1998207022 MEDLINE
 TI Nitric oxide mediates interleukin-1-induced gene expression of matrix metalloproteinases and basic fibroblast growth factor in cultured rabbit articular chondrocytes.
 AU Sasaki K; Hattori T; Fujisawa T; Takahashi K; Inoue H; Takigawa M
 CS Department of Biochemistry and Molecular Dentistry, Okayama University Dental School, Okayama 700-8525, Japan.
 SO JOURNAL OF BIOCHEMISTRY, (1998 Mar) 123 (3) 431-9. Journal code: 0376600. ISSN: 0021-924X.
 CY Japan
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199805
 ED Entered STN: 19980609
 Last Updated on STN: 20000303
 Entered Medline: 19980526
 L4 ANSWER 27 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 DN 1999:524045 BIOSIS
 TI Syndecan-4 cytoplasmic domain-dependent regulation of endothelial cell growth.
 AU Volk, Ruediger (1); Li, Jian (1); Schwartz, Jay; Horowitz, Arle; Simons, Michael (1)
 CS (1) BIDMC/Harvard Med. Sch., Boston, MA USA
 SO Circulation, (Oct. 27, 1998) Vol. 98, No. 17 SUPPL., pp. 1391. Meeting Info.: 71st Scientific Sessions of the American Heart Association Dallas, Texas, USA November 8-11, 1998 The American Heart Association
 . ISSN: 0009-7322.
 DT Conference
 LA English
 L4 ANSWER 28 OF 31 MEDLINE
 DN 1998444445 MEDLINE
 TI Heparan sulphate proteoglycan expression in human primary liver tumours.
 AU Rostkars T; De Vos R; David G; Van Damme B; Desmet V
 CS Laboratory for Histochemistry, University of Leuven, Belgium.
 SO JOURNAL OF PATHOLOGY, (1998 Jul) 185 (3) 290-7.

Journal code: 0204634. ISSN: 0022-3417.

CY ENGLAND: United Kingdom
TI Journal: Article; (JOURNAL ARTICLE)

LA English
PS Priority Journals

EM 199810
Entered STN: 19981029

ED Entered STN: 19981029
Last Updated on STN: 19981029

LA ANSWER 29 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 1998:95753 BIOSIS

DN PREV199800095753

TI Why do immature hemangiomas regress.

AU Eeckhout, I. (1); Leaute-Labreze, C.; Taleb, A.

CS (1) Serv. Dermatol., Hop. Univ., De Pintelaan 185, B-9000 Gent Belgium

SO Annales de Dermatologie et de Venerologie, (Nov., 1997) Vol. 124, No. 11,

pp. 800-804.

ISSN: 0151-9638.

DT Article

LA French

LA ANSWER 30 OF 31 CAPLUS COPYRIGHT 2002 ACS

AN 1996:357168 CAPLUS

DN 125:26311

TI Synducin (syndecan expression-inducers) mediate modulation of

tissue repair

IN Gallo, Richard L.; Bernfield, Merton

PA Children's Medical Center Corporation, USA

SO PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN CMT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 9609332 A2 19960328 WO 1995-US12080 19950922

W: AU, CA, JP, KR

US 5654273 A 19970805 US 1994-310722 19940922

AU 9538228 A1 19960409 AU 1995-38228 19950922

US 5863897 A 19990126 US 1996-728333 19961010

PRAI WO 1994-310722 19940922

WO 1995-US12080 19950922

LA ANSWER 31 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 1996:202896 BIOSIS

DN PREV199698759025

TI Syndecan-1 expression is induced during angiogenesis

and inflammation in the skin.

AU Gallo, R. L. (1); Naley, M. R. (1); Barnhill, R.

CS (1) Dep. Dermatol., Harv. Med. Sch., Boston, MA USA

SO Modern Pathology, (1996) Vol. 9, No. 1, pp. 41A.

Meeting Info.: 1996 Annual Meeting of the United States and Canadian

Academy of Pathology, Washington, D.C., USA, March 23-29, 1996

ISSN: 0893-3952.

DT Conference

LA English

(FILE 'HOME' ENTERED AT 10:49:51 ON 03 OCT 2002)

FILE 'MEDLINE, CANCERLIT, BIOSIS, CONFSCI, CAPLUS' ENTERED AT 10:50:21 ON

03 OCT 2002

L1 56416 S ANGIOGENESIS?

L2 0 S L1 AND SYNDSCAN?

L3 51 S L1 AND SYNDSCAN?

L4 31 DUP REM L3 (20 DUPLICATES REMOVED)

=> s l1 and heperin(a)sulfate(a) proteoglycan

L5 0 L1 AND HEPERIN(A) SULFATE(A) PROTEOGLYCAN

=> s l1 and HSPG

L6 83 L1 AND HSPG

=> dup rem l6

L7 PROCESSING COMPLETED FOR L6

L7 35 DUP REM L6 (48 DUPLICATES REMOVED)

=> d 1-35

L7 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2002 ACS

AN 2002:429402 CAPLUS

DN 137:5014

TI Monoclonal anti-heparanase antibodies for treating conditions related to

heparan sulfate proteoglycan-associated growth factor, chemokine, cytokine

or degradative enzyme

IN Peretz, Tuvia; Miron, Daphna; Shlomi, Yinnon; Pecker, Iris;

PA Israel

SO U.S. Pat. Appl. Publ., 11 pp., Cont.-in-part of U.S. Ser. No. 71,618,

abandoned.

CODEN: USXXCO

DT Patent

LA English

FAN CMT 15

PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 2002068061 A1 20020606 US 1998-186200 19981104

US 5968822 A 19991019 US 1997-922170 19970902

WO 2000025817 A1 20000511 WO 1999-US25451 19991028

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,

DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, SL, TJ,

JP, KE, KG, KR, KZ, LC, LR, LS, LT, LV, LY, MD, MG, MK,

MR, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,

TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ,

MD, RU, TJ, TM

RM: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZM, AT, BE, CH, CY, DE,

DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,

CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1126878 A1 20010829 EP 1999-956781 19991028

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO

AU 751170 B2 20020808 AU 2000-13314 19991028

NO 2001002190 A 20010612 NO 2001-2190 20010503

PRAI US 1997-922170 A2 19970902

US 1998-71618 B2 19980501

US 1998-186200 A 19981104

WO 1999-US25451 W 19991028

L7 ANSWER 2 OF 35 MEDLINE DUPLICATE 1

AN 2002437934 MEDLINE

DN 22163966 PubMed ID: 12173939

TI Short heparin sequences spaced by glycol-split uronate residues are antagonists of fibroblast growth factor 2 and **angio genesis**

LA English

DT Journal; Article; (JOURNAL ARTICLE)

FS IN-PROCESS; NOTINDEXED; Priority Journals

ED Entered STN: 20020528

Last Updated on STN: 20020528

SO BIOCHEMISTRY, (2002 Aug 20) 41 (33) 10519-28.

Journal code: 0370623. ISSN: 0006-2960.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200209

ED Entered STN: 20020829

Last Updated on STN: 20020906

Entered Medline: 20020905

L7 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2002 ACS

AN 2001:769050 CAPLUS

DN 136:112737

TI Interaction of angiogenic growth factors with endothelial cell heparan sulfate proteoglycans: Implications for the development of angiostatic compounds

CS Rusnati, Marco; Tulpiano, Giovanni; Presta, Marco

Unit of General Pathology and Immunology, Department of Biomedical Science and Biotechnology, University of Brescia School of Medicine, Brescia, Italy

SO New Angiotherapy (2002), 357-385. Editor(s): Fan, Tai-Ping D.; Kohn, Elise C. Publisher: Humana Press Inc., Totowa, N. J.

BIODE: 69BYCE

DT Conference; General Review

LA English

RE.CMT 214 THERE ARE 214 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 35 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 2002:313396 BIOSIS

DN PREV200200313396

TI Extracellular pH modulates vascular endothelial growth factor: Heparan sulfate interactions.

AU Coerges, Adrienne L. (1); Nugent, Matthew A. (1)

(1) Biochemistry, Boston University School of Medicine, 80 E. Concord St., Boston, MA, 02118 USA

SO FASEB Journal, (March 20, 2002) Vol. 16, No. 4, pp. A216.

http://www.fasebj.org/, print.

Meeting Info.: Annual Meeting of the Professional Research Scientists on Experimental Biology New Orleans, Louisiana, USA April 20-24, 2002

ISSN: 0892-6638.

DT Conference

LA English

L7 ANSWER 5 OF 35 MEDLINE

AN 2002299390 IN-PROCESS

DN 22025731 Pubmed ID: 12027584

TI Mamalian heparanase: Involvement in cancer metastasis, **angio genesis** and normal development.

AU Vlodavsky Israel; Goldshmidt Orit; Zcharia Eyal; Atzmon Ruth; Rangin-Gueta Zehava; Elkin Michael; Peretz Tamir; Friedmann Yael

Department of Oncology, Hadassah-Hebrew University Hospital, Jerusalem 91120, Israel.

SO SEMINARS IN CANCER BIOLOGY, (2002 Apr) 12 (2) 121-9.

Journal code: 9010218. ISSN: 1044-579X.

L7 ANSWER 6 OF 35 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 2002:456274 BIOSIS

DN PREV200200456274

TI Involvement of heparanase in cancer metastasis and **angio genesis**.

AU Goldshmidt, Orit; Zcharia, Eyal; Vlodavsky, Israel (1)

(1) Department of Oncology, Hadassah-Hebrew University Hospital, Jerusalem, 91120. vlodavsk@cc.huji.ac.il Israel

SO TheScientificWorldJOURNAL, (May, 2002) Vol. 1, No. Cited May 31, 2002, pp. 73-76. http://www.thescientificworld.com/publications/default.asp. online.

ISSN: 1537-744X.

DT Article

LA English

L7 ANSWER 7 OF 35 MEDLINE

AN 2001556790 MEDLINE

DN 21474296 Pubmed ID: 11473122

TI Fibroblast growth factor-2 antagonist activity and angiostatic capacity of sulfated Escherichia coli K5 polysaccharide derivatives.

AU Leali D; Bellotti M; Urbinati C; Coltrini D; Oreste F; Zoppetti G; Ribatti D; Rusnati M; Presta M

Unit of General Pathology and Immunology, Department of Biomedical Sciences and Biotechnology, School of Medicine, University of Brescia, 25123 Brescia, Italy.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Oct 12) 276 (41) 37900-8.

Journal code: 2985121R. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200112

ED Entered STN: 20011018

Last Updated on STN: 20020122

Entered Medline: 20011204

L7 ANSWER 8 OF 35 MEDLINE

AN 2001169910 MEDLINE

DN 2167859 Pubmed ID: 11120741

TI The angiogenic factors Cyr61 and connective tissue growth factor induce adhesive signaling in primary human skin fibroblasts.

AU Chen C C; Chen N; Lau L F

Department of Molecular Genetics, University of Illinois at Chicago College of Medicine, 60607-7170, USA.

CA46565 (NCI)

CA80080 (NCI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Mar 30) 276 (13) 10443-52.

Journal code: 2985121R. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200105

ED Entered STN: 20010517

Last Updated on STN: 20010517

Entered Medline: 20010510

L7 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2002 ACS

AN 2001:593014 CAPLUS

DN 135:286613
 TI Heparanase as mediator of angiogenesis: mode of action
 AU Elkin, Michael; Ilan, Neta; Ishai-Michaeli, Rivka; Friedmann, Yael; Papo, Ofir; Pecker, Iris; Vlodavsky, Israel
 CS Departments of Oncology and Pathology, Hadassah-Hebrew University Hospital, Jerusalem, 91120, Israel
 SO PNAS Journal (2001), 15(9), 1661-1663, 10.1096/fj.00-0895fje
 CODEN: PNAOEC; ISSN: 0892-6638
 PB Federation of American Societies for Experimental Biology
 DT Journal
 LA English
 RE.CNT 34
 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:872587 CAPLUS
 DN 136:367133
 TI Heparan sulfate proteoglycans and cancer
 AU Blackhall, F. H.; Merry, C. L. R.; Davies, E. J.; Jayson, G. C.
 CS Cancer Research Campaign Department of Medical Oncology, Christie Hospital and Paterson Institute for Cancer Research, Withington, Manchester, M20 4BX, UK
 SO British Journal of Cancer (2001), 85(8), 1094-1098
 CODEN: BJCAIJ; ISSN: 0007-0920
 PB Harcourt Publishers Ltd.
 DT Journal; General Review
 LA English
 RE.CNT 40
 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 35 MEDLINE DUPLICATE 5
 AN 2001:258176 MEDLINE
 DN 21102163 Pubmed ID: 1181169
 TI The splice variants of vascular endothelial growth factor (VEGF) and their receptors.
 AU Robinson C J; Stringer S B
 CS The Cancer Research Campaign Department of Drug Development and the CRC Institute for Cancer Research, Christie Hospital, Manchester, M20 4BX, UK.
 SO JOURNAL OF CELL SCIENCE, (2001 Mar) 114 (Pt 5) 853-65. Ref: 196
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 ED 200105
 Entered STN: 20010521
 Last Updated on STN: 20010521
 Entered Medline: 20010517

L7 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:585655 CAPLUS
 DN 135:342159
 TI Heparan sulfate proteoglycans: heavy hitters in the angiogenesis arena
 AU Iozzo, Renato V.; San Antonio, James D
 CS Department of Pathology, Anatomy and Cell Biology, Cellular Biology and Signaling Program, Kimmel Cancer Center, and Cardesa Foundation, Thomas Jefferson University, Philadelphia, PA, 19107, USA
 SO Journal of Clinical Investigation (2001), 108(3), 349-355
 CODEN: JCIINO; ISSN: 0021-9738
 PB American Society for Clinical Investigation

DT Journal; General Review
 LA English
 RE.CNT 45
 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 13 OF 35 MEDLINE DUPLICATE 6
 AN 2001:391020 MEDLINE
 DN 21338497 Pubmed ID: 11445547
 TI Heparanases: endoglycosidases that degrade heparan sulfate proteoglycans.
 AU Bame K J
 CS Division of Molecular Biology and Biochemistry, School of Biological Sciences, University of Missouri-Kansas City, Kansas City, MO 64110, USA.
 SO GLYCOBIOLOGY, (2001 Jun) 11 (6) 91R-98R. Ref: 65
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 ED 200110
 Entered STN: 20011029
 Last Updated on STN: 20011029
 Entered Medline: 20011025

L7 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:525413 CAPLUS
 DN 135:163928
 TI Heparanases: endoglycosidases that degrade heparan sulfate proteoglycans
 AU Bame, Karen J.
 CS Division of Molecular Biology and Biochemistry, School of Biological Sciences, University of Missouri-Kansas City, Kansas City, MO, 64110, USA
 SO CODEN: GLYCE3; ISSN: 0959-6658
 PB Oxford University Press
 DT Journal; General Review
 LA English
 RE.CNT 72
 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 35 MEDLINE DUPLICATE 7
 AN 2000:455987 MEDLINE
 DN 20441568 Pubmed ID: 10987284
 TI Astrocytes contribute to the brain-metastatic specificity of melanoma cells by producing heparanase.
 AU Marchetti D; Li J; Shen R
 CS Department of Neurosurgery, The University of Texas-Houston Health Science Center, 77030, USA.. Dario.Marchetti@uth.tmc.edu
 SO R-29 CA64178 (NCI) CANCER RESEARCH, (2000 Sep 1) 60 (17) 4767-70.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 ED 200009
 Entered STN: 20001005
 Last Updated on STN: 20001005
 Entered Medline: 20000928

L7 ANSWER 16 OF 35 MEDLINE DUPLICATE 8
 AN 2001:054600 MEDLINE
 DN 20406200 Pubmed ID: 10949652
 TI Examining new models for the study of autocrine and paracrine mechanisms

of angiogenesis through FGF2-transfected endothelial and tumor cells.
 AU Presta M; Rusnati M; Dell'Era P; Tanghetti E; Urbani C; Giuliani R; Leali D
 CS Department of Biomedical Sciences and Biotechnology, University of Brescia, Italy
 SO ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY, (2000) 476 7-34. Ref: 113
 CY Journal code: 0121103. ISSN: 0065-2598.
 DT United States
 LA English
 FS (REVIEW, ACADEMIC)
 ED Entered STN: 20010322
 EM Last Updated on STN: 20010322
 TI Entered Medicine: 20001214

ANSWER 17 OF 35 MEDLINE DUPLICATE 9
 AN 1993377046
 DN 99377046 Pubmed ID: 10446183
 TI Inducible expression of the cell surface heparan sulfate proteoglycan syndecan-2 (fibroglycan) on human activated macrophages can regulate fibroblast growth factor action.
 AU Claepers S; Vekemans S; Fiore M; Plebanek M; Wordsworth P; David G; Jackson D G
 CS University of Oxford, Molecular Immunology Group, Institute of Molecular Medicine, John Radcliffe Hospital, Headington, Oxford OX3 9DU United Kingdom.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Aug 20) 274 (34) 24113-23.
 CY Journal code: 2985121R. ISSN: 0021-9258.
 DT United States
 LA English
 FS Priority Journals
 ED Entered STN: 19990921
 EM Last Updated on STN: 20000303
 TI Entered Medicine: 19990909

ANSWER 18 OF 35 MEDLINE DUPLICATE 10
 AN 1999214150
 DN 99214150 Pubmed ID: 10196157
 TI Glypican-1 is a VEGF165 binding proteoglycan that acts as an extracellular chaperone for VEGF165.
 AU Gengrinovitch S; Berman B; David G; Witte L; Neufeld G; Ron D
 CS Department of Biology, Technion-Israel Institute of Technology, Haifa 32000, Israel.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 16) 274 (16) 10816-22.
 CY Journal code: 2985121R. ISSN: 0021-9258.
 DT United States
 LA English
 FS Priority Journals
 ED Entered STN: 19990601
 EM Last Updated on STN: 19990601
 TI Entered Medicine: 19990517

ANSWER 19 OF 35 MEDLINE DUPLICATE 11
 AN 1999316044
 DN 99316044 Pubmed ID: 10385702
 TI Modulation of fibroblast growth factor-2 receptor binding, signaling, and

mitogenic activity by heparin-mimicking polysulfonated compounds.
 AU Liekens S; Leali D; Neyts J; Esnouf R; Rusnati M; Dell'Era P; Maudgal P C; De Clercq E; Presta M
 CS Rega Institute for Medical Research, University Hospital, Katholieke Universiteit Leuven, Leuven, Belgium. Liekens@rega.kuleuven.ac.be
 SO MOLECULAR PHARMACOLOGY, (1999 Jul) 56 (1) 204-13.
 CY Journal code: 0035623. ISSN: 0026-895X.
 DT United States
 LA English
 FS (JOURNAL ARTICLE)
 ED Entered STN: 19990730
 EM Last Updated on STN: 20000303
 TI Entered Medicine: 19990722

ANSWER 20 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:297371
 DN 133:70258
 TI Heparan sulfate proteoglycans
 AU Shworak, Nicholas W.; Rosenberg, Robert D.
 CS Angiogenesis Research Center Beth Israel Deaconess Medical Center, Boston, MA, USA
 SO Angiogenesis and Cardiovascular Disease (1999), 60-78. Editor(s): Ware, J. Anthony; Simons, Michael. Publisher: Oxford University Press, Inc., New York, N. Y.
 DT CODEN: 68YDAN
 LA Conference; General Review
 RE CNT 53
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 21 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 1998:237136
 DN 129:3741
 TI Noncompetitive, chemokine-mediated inhibition of basic fibroblast growth factor-induced endothelial cell proliferation
 AU Presta, Marco; Bellotti, Mirella; Vecchi, Annunziata; Hesselgeser, Joseph; Mantovani, Alberto; Horuk, Richard
 CS Unit. General Pathol. Immunol., Dep. Biomedical Scis. Biotechnol., Univ. Brescia, Brescia, 25123, Italy
 SO Journal of Biological Chemistry (1998), 273(14), 7911-7919
 DT CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 LA English

ANSWER 22 OF 35 MEDLINE DUPLICATE 12
 AN 1998301564
 DN 98301564 Pubmed ID: 9636139
 TI Defining the domains of type I collagen involved in heparin- binding and endothelial tube formation.
 AU Sweeney S M; Gay C A; Fields G B; San Antonio J D
 CS Department of Medicine and the Cardia Foundation for Hematologic Research, Jefferson Medical College of Thomas Jefferson University, Philadelphia, PA 19107, USA.
 NC AR01929 (NIMMS)
 KD44494
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Jun 23) 95 (13) 7275-80.
 CY Journal code: 7505876. ISSN: 0027-8424.
 DT United States
 TI Journal; Article; (JOURNAL ARTICLE)

LA	English		
FS	Priority Journals		
EM	199808		
ED	Entered STN: 19980817		
	Last Updated on STN: 20000303		
	Entered Medline: 19980806		
L7	ANSWER 23 OF 35	MEDLINE	DUPLICATE 13
AN	199384200	MEDLINE	
DN	98384200	Pubmed ID: 9716565	
TI	Vascular endothelial growth factor stimulates proliferation but not		
	migration or invasiveness in human extravillous trophoblast.		
AU	Athanasiasides A; Hamilton G S; Lala P K		
CS	Department of Anatomy and Cell Biology, The University of Western Ontario,		
	London, Ontario, Canada N6A 5C1.		
SO	BIOLOGY OF REPRODUCTION, (1998 Sep) 59 (3) 643-54.		
	Journal code: 0207224. ISSN: 0006-3363.		
CY	United States		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199810		
ED	Entered STN: 19981020		
	Last Updated on STN: 20000303		
	Entered Medline: 19981005		
L7	ANSWER 24 OF 35	MEDLINE	DUPLICATE 14
AN	1998449568	MEDLINE	
DN	98449568	Pubmed ID: 9778119	
TI	Role of placenta growth factor (PlGF) in human extravillous trophoblast		
	proliferation, migration and invasiveness.		
CM	Comment in: Placenta. 2000 Jul-Aug;21(5-6):593-5		
AU	Athanasiasides A; Lala P K		
CS	Department of Anatomy and Cell Biology, The University of Western Ontario,		
	London, Canada.		
SO	PLACENTA, (1998 Sep) 19 (7) 465-73.		
	Journal code: 8006349. ISSN: 0143-4004.		
CY	ENGLAND: United Kingdom		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199812		
ED	Entered STN: 19980115		
	Last Updated on STN: 20010611		
	Entered Medline: 19981209		
L7	ANSWER 25 OF 35	MEDLINE	DUPLICATE 15
AN	1998444445	MEDLINE	
DN	98444445	Pubmed ID: 9771483	
TI	Heparan sulphate proteoglycan expression in human primary liver tumours.		
AU	Roskams T; De Vos R; David G; Van Damme B; Desmet V		
CS	Laboratory for Histochemistry, University of Leuven, Belgium.		
SO	JOURNAL OF PATHOLOGY, (1998 Jul) 185 (3) 290-7.		
	Journal code: 0204634. ISSN: 0022-3417.		
CY	ENGLAND: United Kingdom		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199810		
ED	Entered STN: 19981029		
	Last Updated on STN: 19981029		
	Entered Medline: 19981019		
L7	ANSWER 26 OF 35	MEDLINE	DUPLICATE 16
AN	97219983	MEDLINE	
DN	97219983	Pubmed ID: 9121441	
TI	Suppression of autocrine and paracrine functions of basic fibroblast		
	growth factor by stable expression of perlecan antisense cDNA.		
AU	Avetzer D; Iozzo R V; Noonan D W; Tayon A		
CS	Department of Molecular Cell Biology, The Weizmann Institute of Science,		
	Rehovot, Israel.		
SO	MOLECULAR AND CELLULAR BIOLOGY, (1997 Apr) 17 (4) 1938-46.		
	Journal code: 8109087. ISSN: 0270-7306.		
CY	United States		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199704		
ED	Entered STN: 19970506		
	Last Updated on STN: 19970506		
	Entered Medline: 19970424		
L7	ANSWER 27 OF 35	MEDLINE	DUPLICATE 17
AN	97223306	MEDLINE	
DN	97223306	Pubmed ID: 9070190	
TI	Human prostate carcinoma cells produce extracellular heparanase.		
AU	Kosir M A; Quinn C C; Zukowski K L; Grignon D J; Leebetter S		
CS	Surgical Service, VA Medical Center, Detroit, Michigan 48201, USA.		
SO	JOURNAL OF SURGICAL RESEARCH, (1997 Jan) 67 (1) 98-105.		
	Journal code: 0376340. ISSN: 0022-4804.		
CY	United States		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199704		
ED	Entered STN: 19970414		
	Last Updated on STN: 19970414		
	Entered Medline: 19970403		
L7	ANSWER 28 OF 35	CAPLUS COPYRIGHT 2002 ACS	
AN	1996:160725	CAPLUS	
DN	124:249421		
TI	Inhibition of fibroblast growth factors		
AU	Wellstein, Anton; Czabayko, Frank		
CS	Lombardi Cancer Center, Georgetown University, Washington, DC, 20007, USA		
SO	Breast Cancer Research and Treatment (1996), 38(1), 109-19		
	CODEN: BCTRDP6; ISSN: 0167-6806		
PB	Kluwer		
DT	Journal; General Review		
LA	English		
L7	ANSWER 29 OF 35	MEDLINE	DUPLICATE 18
AN	96269899	MEDLINE	
DN	96269899	Pubmed ID: 8766863	
TI	Codistribution of basic fibroblast growth factor and heparan sulfate		
	proteoglycan in the growth zones of the human placenta.		
AU	Muhlhauser J; Marziani D; Morroni M; Vuckovic M; Crescimanno C;		
CS	Caselliucci M		
	Laboratory of Vascular Pathology, Istituto Dermatologico dell' Immacolata,		
	IDL, Rome, Italy.		
SO	CELL AND TISSUE RESEARCH, (1996 Jul) 285 (1) 101-7.		
	Journal code: 0417625. ISSN: 0302-766X.		
CY	GERMANY: Germany, Federal Republic of		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199610		
ED	Entered STN: 19961025		

Last Updated on STN: 19961025
Entered Medline: 19961017

L7 ANSWER 30 OF 35 MEDLINE
AN 96143548
DN 96143548 Pubmed ID: 8594076
TI Major basement membrane components in Kaposi's sarcoma, angiosarcoma and benign vascular neogenesis.
AU Dector M; Bendsoe N; Runke S; Witte M
CS Department of Pathology, University Hospital, Lund, Sweden.
SO JOURNAL OF CUTANEOUS PATHOLOGY. (1995 Oct) 22 (5) 435-41.
Journal code: 0425124. ISSN: 0303-6987.

CY Denmark
DT Journal: Article; (JOURNL ARTICLE)
LA English
FS Priority Journals
EM 199604
ED Entered STN: 19960422
Last Updated on STN: 19980206
Entered Medline: 19960410

L7 ANSWER 31 OF 35 MEDLINE
AN 94368802
DN 94368802 Pubmed ID: 7522051
TI Diminished heparin binding of a basic fibroblast growth factor mutant is associated with reduced receptor binding, mitogenesis, plasminogen activator induction, and in vitro angiogenesis.
AU Li L Y; Saffran M; Aviezer D; Bohlen P; Seddon A P; Yayon A
CS Department of Protein Chemistry, American Cyanamid Company, Pearl River, New York 10965.
SO BIOCHEMISTRY. (1994 Sep 13) 33 (36) 10999-1007.
Journal code: 0370623. ISSN: 0006-2960.

CY United States
DT Journal: Article; (JOURNL ARTICLE)
LA English
FS Priority Journals
EM 199410
ED Entered STN: 19941031
Last Updated on STN: 19960129
Entered Medline: 19941018

L7 ANSWER 32 OF 35 MEDLINE
AN 95094284
DN 95094284 Pubmed ID: 7528102
TI Perlecan, basal lamina proteoglycan, promotes basic fibroblast growth factor-receptor binding, mitogenesis, and angiogenesis.
AU Aviezer D; Hecht D; Saffran M; Eisinger M; David G; Yayon A
CS Department of Chemical Immunology, Weizmann Institute of Science, Rehovot, Israel.
SO CELL. (1994 Dec 16) 79 (6) 1005-13.
Journal code: 0413066. ISSN: 0092-8674.

CY United States
DT Journal: Article; (JOURNL ARTICLE)
LA English
FS Priority Journals
EM 199501
ED Entered STN: 19950215
Last Updated on STN: 19960129
Entered Medline: 19950126

L7 ANSWER 33 OF 35 CANCERLIT
AN 95614990
DN 95614990
TI Ectopic expression of fibroblast growth factors and their receptors in

breast cancer (Meeting abstract).
AU Fernig D G; Anandappa S Y; Barracough R; Ke Y; Smith J A; Platt-Higgins A; Wilkinson M C; Winstanley J H; Rudland P S
CS Cancer and Polio Research Fund Laboratories, Department of Biochemistry, University of Liverpool, PO Box 147, Liverpool L69 3BX, UK.
SO Non-serial. (1994) 3rd International Conference of the Mediterranean Society of Tumor Marker Oncology (WESTMO), October 26-29, 1994, Athens, Greece, 114, 1994.

DT Journal: Article; (JOURNL ARTICLE)
LA English
FS Institute for Cell and Developmental Biology
EM 199507
ED Entered STN: 19950707
Last Updated on STN: 19950707

L7 ANSWER 34 OF 35 MEDLINE
AN 92329738
DN 92329738 Pubmed ID: 1378313
TI Mediators of angiogenesis: the biological significance of basic fibroblast growth factor (bFGF)-heparin and heparan sulfate interactions.
AU Klagsbrun M
CS Department of Surgery, Children's Hospital, Boston, MA 02115.
SO SEMINARS IN CANCER BIOLOGY. (1992 Apr) 3 (2) 81-7. Ref: 56
Journal code: 9010218. ISSN: 1044-579X.

CY United States
DT Journal: Article; (JOURNL ARTICLE)
LA English
FS Priority Journals
EM 199208
ED Entered STN: 19920904
Last Updated on STN: 19960129
Entered Medline: 19920820

L7 ANSWER 35 OF 35 MEDLINE
AN 91324686
DN 91324686 Pubmed ID: 1865106
TI Basic fibroblast growth factor binding is a marker for extracellular neurofibrillary tangles in Alzheimer disease.
AU Siedlak S L; Cras P; Kawai M; Richey P; Perry G
CS Division of Neuropathology, Case Western Reserve University, Cleveland, Ohio 44106.
SO AG-007552 (NIA)
K04-AG00415 (NIA)
JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY. (1991 Jul) 39 (7) 899-904.
Journal code: 9815314. ISSN: 0022-1554.

CY United States
DT Journal: Article; (JOURNL ARTICLE)
LA English
FS Priority Journals
EM 199109
ED Entered STN: 19910929
Last Updated on STN: 19980206
Entered Medline: 19910906

=> d his
(FILE 'HOME' ENTERED AT 10:49:51 ON 03 OCT 2002)
FILE 'MEDLINE, CANCERLIT, BIOSIS, CONSCIT, CAPLUS' ENTERED AT 10:50:21 ON

03 OCT 2002

L1 56416 S ANGIOGENESIS?

L2 0 S L1 AND SYNDECAN?

L3 51 S L1 AND SYNDECAN?

L4 31 DUP REM L3 (20 DUPLICATES REMOVED)

L5 0 S L1 AND HEPARIN(A)SULFATE(A) PROTEOGLYCAN

L6 83 S L1 AND HSPG

L7 35 DUP REM L6 (48 DUPLICATES REMOVED)

=> s l3 and inhibit

L8 8 L3 AND INHIBIT

=> d 1-8

L8 ANSWER 1 OF 8 MEDLINE

AN 2002211822 MEDLINE

DN 21942497 Pubmed ID: 11945170

TI Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action.

AU Gemmaro Renato; Zanetti Margherita; Benincasa Monica; Podda Elena; Miami Monica

CS Department of Biochemistry, Biophysics and Macromolecular Chemistry, University of Trieste, Via Giorgieri, 1, I-34127 Trieste, Italy.

SO CURRENT PHARMACEUTICAL DESIGN (2002) 8 (9) 763-78. Ref: 109

Journal code: 9602487. ISSN: 1381-6128.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA General Review; (REVIEW)

English

FS Priority Journals

EM 200208

ED Entered STN: 20020412

Last Updated on STN: 20020831

Entered Medicine: 20020830

L8 ANSWER 2 OF 8 MEDLINE

AN 2001224929 MEDLINE

DN 21102087 Pubmed ID: 11169736

TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.

AU Luo J; Kato M; Wang H; Bernfield M; Bischoff J

CS Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave., Boston, MA 02115, USA.

NC R29 H109390 (NHLBI)

SO JOURNAL OF CELLULAR BIOCHEMISTRY, (2001) 80 (4) 522-31.

Journal code: 8205768. ISSN: 0730-2312.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

English

FS Priority Journals

EM 200104

ED Entered STN: 20010502

Last Updated on STN: 20010502

Entered Medicine: 20010426

L8 ANSWER 3 OF 8 CANCERLIT

AN 2001102087 CANCERLIT

DN 21102087 Pubmed ID: 11169736

TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.

AU Luo J; Kato M; Wang H; Bernfield M; Bischoff J

CS Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave.,

Boston, MA 02115, USA.

NC R29 H109390 (NHLBI)

SO JOURNAL OF CELLULAR BIOCHEMISTRY, (2001) 80 (4) 522-31.

Journal code: 8205768. ISSN: 0730-2312.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

English

FS MEDLINE: Priority Journals

OS MEDLINE 2001224929

EM 200104

ED Entered STN: 20010515

Last Updated on STN: 20010515

L8 ANSWER 4 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 2001:141520 BIOSIS

DN PREV200100141520

TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.

AU Luo, Jianying; Kato, Masato; Wang, Huiming; Bernfield, Merton; Bischoff, Joyce (1)

CS (1) Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave., Boston, MA, 02115. bischoffj@hsb.fch.harvard.edu USA

SO Journal of Cellular Biochemistry, (21 December 8 January) Vol. 80, No. 4, pp. 522-531. Print.

ISSN: 0730-2312.

DT Article

LA English

SL English

L8 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 2002:362613 CAPLUS

DN 136:332854

TI The role of heparan sulfate in the regulation of tumor angiogenesis induced by angiomedin

AU Yamada, Shunel

CS Dep. Biochem., Kobe Pharm. Univ., Kobe, 658-8558, Japan

SO Yakugaku Kenkyu no Shingyo (2002), 18, 113-126

CODEN: YAKSEY; ISSN: 0914-4544

PB Yakugaku Kenkyu Shorei Zaidan

DT Journal; General Review

LA Japanese

L8 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 2002:331744 CAPLUS

TI Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action

AU Gemmaro, Renato; Zanetti, Margherita; Benincasa, Monica; Podda, Elena; Miami, Monica

CS Department of Biochemistry, Biophysics and Macromolecular Chemistry, University of Trieste, Trieste, I-34127, Italy

SO Current Pharmaceutical Design (2002), 8(9), 763-778

CODEN: CPDEPP; ISSN: 1381-6128

PB Bentham Science Publishers

DT Journal

LA English

RE CNT 106

THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 2001:105942 CAPLUS

DN 134:220215

TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells

AU Luo, Jianying; Kato, Masato; Wang, Huiming; Bernfield, Merton; Bischoff, Joyce
 CS Surgical Research Laboratory, Children's Hospital, Boston, MA, 02115, USA
 SO Journal of Cellular Biochemistry (2000), 80(4), 522-531
 PB CODEN: JCBDS; ISSN: 0730-2312
 PB Wiley-Liss, Inc.
 DT Journal
 LA English
 RE CNT 44
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:121629 CAPLUS
 DN 132:161252
 TI N-acetylglucosamine-2-O-sulfated uronic acid compounds for
 IN angioestatic inhibitors, and therapeutic use thereof
 IN Bernfield, Merton; Kim, Yeong Shik; Linhardt, Robert J.
 FA Children's Medical Center Corp, USA; The University of Iowa Research
 SO U.S., 11 PP.
 DT Patent
 LA English
 FA CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 PI US 6028061 A 20000222 US 1998-99296 19980618
 RE CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his
 (FILE 'HOME' ENTERED AT 10:49:51 ON 03 OCT 2002)

FILE 'MEDLINE, CANCERLIT, BIOSIS, CONFSCI, CAPLUS' ENTERED AT 10:50:21 ON
 03 OCT 2002

L1 56416 S ANGIOGENESIS?
 L2 0 S L1 AND SYNDICAN?
 L3 51 S L1 AND SYNDICAN?
 L4 31 DUP REM L3 (20 DUPLICATES REMOVED)
 L5 0 S L1 AND HEPERIN(A) SULFATE(A) PROTEOGLYCAN
 L6 83 S L1 AND HSPG
 L7 35 DUP REM L6 (48 DUPLICATES REMOVED)
 L8 8 S L3 AND INHIBIT

=> s l1 and inhibit?
 L9 23784 L1 AND INHIBIT?

=> s l9 and syndecan?
 L10 22 L9 AND SYNDICAN?

=> d 1-22

L10 ANSWER 1 OF 22 MEDLINE
 AN 2002460455 IN-PROCESS
 DN 22126577 Pubmed ID: 12128069
 TI A recombinant NH(2)-terminal heparin-binding domain of the adhesive
 glycoprotein, chondrospodin-1, promotes endothelial tube formation and
 cell survival: a possible role for syndecan-4 proteoglycan.
 AU Ferrari do Outeiro-Bernstein Mariana A; Nunes Sara Santana; Andrade Ana
 Carolina Magalhães; Alves Tercia Rodrigues; Legrand Chantal; Morandi
 Veronica
 CS Departamento de Biologia Celular e Genética, Instituto de Biologia Roberto

Alcantara Gomes, Universidade do Estado do Rio de Janeiro (UERJ), Rua Sao
 Francisco Xavier, 524 PUC sala 205, Maracana, Rio de Janeiro, RJ, Brazil.
 SO MATRIX BIOLOGY (2002 JUN) 21 (4) 311-24.
 DT Journal code: 9432592. ISSN: 0945-053X.
 CY Germany; Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS IN-PROCESS; NONINDEXED; Priority Journals
 ED Entered STN: 20020911
 Last Updated on STN: 20020911

L10 ANSWER 2 OF 22 MEDLINE
 AN 2002211822 MEDLINE
 DN 21942497 Pubmed ID: 11945170
 TI Pro-rich antimicrobial peptides from animals: structure, biological
 functions and mechanism of action.
 AU Gemmaro Renato; Zanetti Margherita; Benincasa Monica; Podda Elena; Miani
 Monica
 CS Department of Biochemistry, Biophysics and Macromolecular Chemistry,
 University of Trieste, Via Giorgieri, 1, I-34127 Trieste, Italy.
 SO CURRENT PHARMACEUTICAL DESIGN (2002) 8 (9) 763-78. Ref: 109
 Journal code: 9602487. ISSN: 1381-6128.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200208
 Entered STN: 20020412
 Last Updated on STN: 20020831
 Entered Medline: 20020830

L10 ANSWER 3 OF 22 MEDLINE
 AN 2001224929 MEDLINE
 DN 21102087 Pubmed ID: 11169736
 TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit
 E-selectin binding to endothelial cells.
 AU Luo J; Kato M; Wang H; Bernfield M; Bischoff J
 CS Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave.,
 Boston, MA 02115, USA.
 NC F32 HL09390 (NHLBI)
 R29 GM46757 (NIGMS)
 SO JOURNAL OF CELLULAR BIOCHEMISTRY (2001) 80 (4) 522-31.
 Journal code: 8205768. ISSN: 0730-2312.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200104
 Entered STN: 20010502
 Last Updated on STN: 20010502
 Entered Medline: 20010426

L10 ANSWER 4 OF 22 MEDLINE
 AN 1998207022 MEDLINE
 DN 98207022 Pubmed ID: 9538225
 TI Mitic oxide mediates interleukin-1-induced gene expression of matrix
 metalloproteinases and basic fibroblast growth factor in cultured rabbit
 articular chondrocytes.
 AU Saeki K; Hattori T; Fujisawa T; Takahashi K; Inoue H; Takigawa M
 CS Department of Biochemistry and Molecular Dentistry, Okayama University
 Dental School, Okayama 700-8525, Japan.
 SO JOURNAL OF BIOCHEMISTRY, (1998 Mar) 123 (3) 431-9.

Journal code: 0376600. ISSN: 0021-924X.

CY Japan
DT Journal: Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199805
ED Entered STN: 19980609
Last updated on STN: 20000303
Entered Medline: 19980526

L10 ANSWER 5 OF 22 CANCERLIT
AN 2001102087 Pubmed ID: 11169736
TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit
E-selectin binding to endothelial cells.
AU Luo J; Kato M; Wang H; Bernfield M; Bischoff J
CS Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave.,
Boston, MA 02115, USA.
NC F32 HL09390 (NHLBI)
SO JOURNAL OF CELLULAR BIOCHEMISTRY, (2001) 80 (4) 522-31.
CY United States
DT Journal: Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE 2001224929
OS 200104
EM Entered STN: 20010515
Last Updated on STN: 20010515

L10 ANSWER 6 OF 22 CANCERLIT
AN 1998207022 Pubmed ID: 9538225
TI Nitric oxide mediates interleukin-1-induced gene expression of matrix
metalloproteinases and basic fibroblast growth factor in cultured rabbit
articular chondrocytes.
AU Sasaki K; Hattori T; Fujisawa T; Takahashi K; Inoue H; Takigawa M
CS Department of Biochemistry and Molecular Dentistry, Okayama University
Dental School, Okayama 700-8525, Japan.
SO JOURNAL OF BIOCHEMISTRY, (1998 Mar) 123 (3) 431-9.
CY Japan
DT Journal: Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE 1998207022
OS 199805
EM Entered STN: 19980610
Last Updated on STN: 19980610

L10 ANSWER 7 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002:470155 BIOSIS
DN PREV200200470155
TI A recombinant NH2-terminal heparin-binding domain of the adhesive
glycoprotein, thrombospondin-1, promotes endothelial tube formation and
cell survival: A possible role for syndecan-4 proteoglycan.
AU do Outeiro-Bernstein, Mariana A. Ferreri; Nunes, Sara Santana; Andrade,
Ana Carolina Magalhães; Alves, Tercia Rodrigues; Legrand, Chantal;
Morandi, Verônica (1)
CS (1) Departamento de Biologia Celular e Genética, Instituto de Biologia
Roberto Alcântara Gomes, Universidade do Rio de Janeiro (UERJ),
Rua São Francisco Xavier, 524, Maracanã, PHLC Sala 205, Rio de Janeiro,
RJ: veronica@uerj.br Brazil

SO Matrix Biology, (June, 2002) Vol. 21, No. 4, pp. 311-324.
http://www.elsevier.com/locate/matrix. print.
ISSN: 0945-053X.

DT Article
LA English

L10 ANSWER 8 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002:428611 BIOSIS
DN PREV200200428611
TI Modulation of microvascular signaling by heparan sulfate matrix: Studies
in syndecan-4 transgenic mice.
AU Li, Jian; Parovian, Chohren; Li, Jianyi; Hampton, Thomas G.; Metais,
Caroline; Tkachenko, Eugene; Selike, Frank W.; Simons, Michael (1)
CS (1) Angiotensin Research Center and Section of Cardiology, Dartmouth
Medical School and Dartmouth Hitchcock Medical Center, Lebanon, NH, 03756;
SO Microvascular Research, (July, 2002) Vol. 64, No. 1, pp. 38-46.
http://www.academicpress.com/micrpath. print.
ISSN: 0026-2862.

DT Article
LA English

L10 ANSWER 9 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002:263200 BIOSIS
DN PREV200200263200
TI PKCdelta regulates FGF-2-stimulated angiogenesis in a
syndecan-4-dependent manner: Cross-talk between PKC isozymes.
AU Murakami, Masahito (1); Horowitz, Arle; Simons, Michael
CS (1) Dartmouth-Hitchcock Med Ctr, Lebanon, NH USA
SO Circulation, (October 23, 2001) Vol. 104, No. 17 Supplement, pp. II-34.
http://circ.ahajournals.org/. print.
Meeting Info: Scientific Sessions 2001 of the American Heart Association
Anaheim, California, USA November 11-14, 2001
ISSN: 0009-7332.

DT Conference
LA English

L10 ANSWER 10 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001:141520 BIOSIS
DN PREV200100141520
TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit
E-selectin binding to endothelial cells.
AU Luo, Jianying; Kato, Masato; Wang, Huiming; Bernfield, Merton; Bischoff,
Joyce (1)
CS (1) Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave.,
Boston, MA, 02115; Bischoffmhub.cch.harvard.edu USA
SO Journal of Cellular Biochemistry, (21 December 8 January) Vol. 80, No. 4,
pp. 522-531. print.
ISSN: 0730-2312.

DT Article
LA English
SL English

L10 ANSWER 11 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1998:267277 BIOSIS
DN PREV199800267277
TI Nitric oxide mediates interleukin-1-induced gene expression of matrix
metalloproteinases and basic fibroblast growth factor in cultured rabbit
articular chondrocytes.
AU Sasaki, Kazuhito; Hattori, Takako; Fujisawa, Takuo; Takahashi, Kojiro;
Inoue, Hajime; Takigawa, Masaharu (1)
CS (1) Dep. Biochem. Molecular Dent., Okayama Univ. Dental Sch., Okayama
700-8525 Japan
SO Journal of Biochemistry (Tokyo), (March, 1998) Vol. 123, No. 3, pp.

431-439.
ISSN: 0021-924X.
DT Article
LA English

L10 ANSWER 12 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1998:95753 BIOSIS
DN PREV199800095753
TI Why do immature hemangiomas regress.
AU Beckhout, I. (1); Leaute-Jabreze, C.; Taleb, A.
CS (1) Serv. Dermatol., Hop. Univ., De Pintelaan 185, B-9000 Gent Belgium
SO Annales de Dermatologie et de Venerologie, (Nov., 1997) Vol. 124, No. 11, pp. 800-804.
ISSN: 0151-9638.
DT Article
LA French

L10 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:548089 CAPLUS
TI A recombinant NH2-terminal heparin-binding domain of the adhesive glycoprotein, thrombospondin-1, promotes endothelial tube formation and cell survival: a possible role for syndecan-4 proteoglycan
AU Ferrari do Outeiro-Bernstein, Mariana A.; Nunes, Sara Santana; Andrade, Ana Carolina Magalhães; Alves, Tercia Rodrigues; Legendre, Chantal; Morandi, Veronica
CS Instituto de Biologia Roberto Alcântara Gomes, Departamento de Biologia Celular e Genética, Universidade do Estado do Rio de Janeiro (UERJ), Rio de Janeiro, Brazil
SO Matrix Biology (2002), 21(4), 311-324
CODEN: MTRBEC; ISSN: 0945-053X
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 58
THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:517556 CAPLUS
TI Cell adhesive and heparin binding sites on the laminin alpha chain G domain
AU Suzuki, Nobuharu; Kasai, Shingo; Ichikawa, Naoki; Okazaki, Ikuo; Kato, Kozue; Yamada, Masanori; Nishi, Norio; Yamashita, Hironobu; Kitagawa, Yasuo; Nomizu, Motoyoshi
CS Graduate School of Environmental Earth Science, Hokkaido University, Sapporo, 060-0810, Japan
SO Peptide Science (2002), Volume Date 2001, 36th, 127-130
CODEN: PSCIFQ; ISSN: 1344-7661
PB Japanese Peptide Society
DT Journal
LA English
RE.CNT 7
THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:362613 CAPLUS
DN 136:322854
TI The role of heparan sulfate in the regulation of tumor angiogenesis induced by angiomodulin
AU Yamada, Shunei
CS Dep. Biochem., Kobe Pharm. Univ., Kobe, 658-8558, Japan
SO Yakugaku Kenkyu no Shinpo (2002), 18, 113-126
CODEN: YAKSEY; ISSN: 0914-4544
PB Yakugaku Kenkyu Shorei Zaidan
DT Journal; General Review

LA Japanese

L10 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:331744 CAPLUS
TI Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action
AU Gennaro, Renato; Zanetti, Margherita; Benincasa, Monica; Poddà, Elena; Miani, Monica
CS Department of Biochemistry, Biophysics and Macromolecular Chemistry, University of Trieste, Trieste, I-34127, Italy
SO Current Pharmaceutical Design (2002), 8(9), 763-778
CODEN: CPDEPP; ISSN: 1381-6128
PB Bentham Science Publishers
DT Journal
LA English
RE.CNT 106
THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:51303 CAPLUS
DN 136:96038
TI Methods of modulating wound healing and angiogenesis
AU Goetnick, Paul F.
PA The General Hospital Corporation, USA
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2002004028 A1 20020117 WO 2001-USA1288 20010706
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GM, GR, GU, HK, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, RG, KZ, MD, RU, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2002048585 A1 20020425 US 2001-900288 20010706
RE.CNT 5
THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2001:105942 CAPLUS
DN 134:220215
TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells
AU Luo, Jianying; Kato, Masato; Wang, Huiming; Benfield, Merton; Bischoff, Joyce
CS Surgical Research Laboratory, Children's Hospital, Boston, MA, 02115, USA
SO Journal of Cellular Biochemistry (2000), 80(4), 522-531
CODEN: JCEBDS; ISSN: 0730-2312
PB Wiley-Liss, Inc.
DT Journal
LA English
RE.CNT 44
THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2000:121629 CAPLUS

DN 132:161252
TI N-acetylglucosamine-2-O-sulfated uronic acid compounds for
IN anglogenesis inhibitors, and therapeutic use thereof
PA Bernfield, Merton; Kim, Yeong Shik; Linhardt, Robert J.
Children's Medical Center Corp, USA; The University of Iowa Research
Foundation
SO U.S., 11 pp.
CODEN: USXXAM
DT Patent
LA English
FAN CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 6028061 A 20000222 US 1998-99286 19980618
RE CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2000:114335 CAPLUS
DN 132:332744
TI A genome-wide survey of RAS transformation targets
AU Zuber, Johannes; Tchernitsa, Oleg I.; Hinzmann, Bernd; Schmitz,
Anne-Charlotte; Crisp, Martin; Hellriegel, Martin; Sers, Christine;
Rosenthal, Andre; Schaefer, Reinhold
Laboratory of Molecular Tumour Pathology, Institute of Pathology, Charite,
Humboldt-University, Berlin, D-10117, Germany
SO Nature Genetics (2000), 24(2), 144-152
CODEN: NGENEC; ISSN: 1061-4036
PB Nature America
DT Journal
LA English
RE CNT 31
THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 1998:297563 CAPLUS
DN 129:36611
TI Myric oxide mediates interleukin-1-induced gene expression of matrix
metalloproteinases and basic fibroblast growth factor in cultured rabbit
articular chondrocytes
AU Sasaki, Kazuhiko; Hattori, Takao; Fujisawa, Takuo; Takahashi, Kojiro;
Inoue, Hajime; Takigawa, Masaharu
Department of Biochemistry and Molecular Dentistry, Okayama University
Dental School, Okayama, 700-8525, Japan
SO Journal of Biochemistry (Tokyo) (1998), 123(3), 431-439
CODEN: JOBIAO; ISSN: 0021-924X
PB Japanese Biochemical Society
DT Journal
LA English

L10 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 1996:357168 CAPLUS
DN 125:26311
TI Syndecin (syndecan expression-inducers) mediate modulation of
TI tissue repair
IN Gallo, Richard L.; Bernfield, Merton
PA Children's Medical Center Corporation, USA
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 9609322 A2 19960328 WO 1995-US12080 19950922
WO 9609322 A3 19960523
W: AU, CA, JP, KR
RU: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
US 5654273 A 19970805
AU 9538228 A1 19960409
US 5863897 A 19990126
PRAI US 1994-310722 19940922
WO 1995-US12080 19950922

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